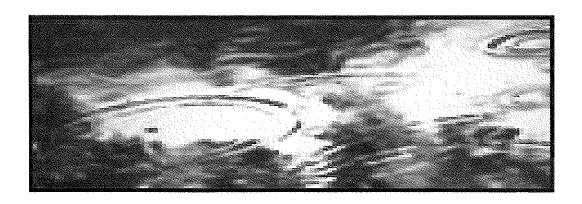
Stormwater Management Program 2016 Annual Report for March 10, 2016 through March 9, 2017

# The Town of East Fishkill MS4 SPDES No. NYR20A183

330 Route 376
Hopewell Junction
Dutchess County, New York

April 24, 2017 Revised May 1, 2017



Prepared by:

Stormwater Management Consultants, Inc.

P.O. Box 202 LaGrangeville, New York 12540 (845) 462-0022

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SPDES General Permit for Stormwater Discharges from Small MS4's, Permit No.	GP-0-15-003
Town of East Fishkill Stormwater Management Program Annual Report	

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#### 1. MS4 ANNUAL REPORT COVER PAGE

#### MS4 Annual Report Cover Page

MCC form for period ending March 9, 2 0 1 7

This cover page must be completed by the report preparer. Joint reports require only one cover page.

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#### Choose one:

#### This report is being submitted on behalf of an individual MS4.

Fill in SPDES ID in upper right hand corner.

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#### OR

#### ○ This report is being submitted on behalf of a Single Entity

(Per Part II.E of GP-0-10-002)

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#### OR

#### ○ This is a joint report being submitted on behalf of a coalition.

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

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#### **MS4 Annual Report Cover Page**

MCC form for period ending March 9, 2 0 1 7

Provide SPDES ID of each permitted MS4 included in this report.

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# 2. MS4 MUNICIPAL COMPLIANCE CERTIFICATION (MCC) FORM

#### MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 7

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Name of MS4 TOWN OF EAST FISHKILL	N	Y	R	2	0	Α	1	8	3
Each MS4 must submit an MCC form.									
Section 1 - MCC Identification Page									
Indicate whether this MCC form is being submitted to certify endorsement or a	ссер	otan	ce (	of:					
<ul> <li>An Annual Report for a single MS4</li> </ul>									
○ A Single Entity (Per Part II.E of GP-0-10-002)									
O A Joint Report									
Joint reports may be submitted by permittees with legally bindin	g ag	gree	me	nts					
If Joint Report, enter coalition name:									
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#### MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 7

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#### **Section 2 - Contact Information**

Important Instructions - Please Read

Contact information must be provided for <u>each</u> of the following positions as indicated below:

- 1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
- 2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
- 3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
- 4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
- 5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- O Duly Authorized Representative
- Local Stormwater Public Contact
- O Stormwater Management Program (SWMP) Coordinator
- O Report Preparer

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Section 2 - Contact Information							
Important Instructions - Please Read							
Contact information must be provided for <u>each</u> of the following pos	sitions as i	indica	ted	belo	ow:		
<ol> <li>Principal Executive Officer, Chief Elected Official or other qual GP-0-08-002 Part VI.J).</li> </ol>	ified indiv	vidual	(pe	r			
2. Duly Authorized Representative (Information for this contact me Authorized Representative is signing this form)	ust only b	e subi	nitte	ed if	f a E	Ouly	,
3. The Local Stormwater Public Contact (required per GP-0-08-00)	2 Part VII	.A.2.	&	Part	VII	l.A	.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (In coordination/implementation of SWMP).	ndividual	respo	nsib	le fo	or		
5. Report Preparer (Consultants may provide company name in the	space pro	vided	l).				
A separate sheet must be submitted for each position listed above filled by the same individual. If one individual fills multiple role once and check all positions that apply to that individual.							
If a new Duly Authorized Representative is signing this report, t provided and a signature authorization form, signed by the Princ Elected Official must be attached.							
For each contact, select all that apply:							
O Principal Executive Officer/Chief Elected Official							
O Duly Authorized Representative							
O Local Stormwater Public Contact							
Stormwater Management Program (SWMP) Coordinator							
Report Preparer							
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#### MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2 0 1 7

	SPDES ID
Name of MS4 TOWN OF EAST FISHKILL	N Y R 2 0 A 1 8 3
Section 3 - Partner Information	
Did your MS4 work with partners/coalition to complete some or all per	rmit requirements during this reporting
period?	● Yes ○ No
If Yes, complete information below.  Submit a separate sheet for each partner. Information provided	
accepted. If your MS4 cooperated with a coalition, submit one coalition. It is not necessary to include a separate sheet for each	
If No, proceed to Section 4 - Certification Statement.	in wish in the Countries.
Partner/CoalitionName	
Dutchess County Regul	ated MS4
Partner/Coalition Name (con't.)	SPDES Partner ID - If applicable
C o o r d i n a t i o n         C o m m i t t e	e NYR20
Address	
2 7 1 5 Route 4 4 Suite 3	tate Zip
	tate Zip
eMail	
E r i n . S o m m e r v i 1 1 e @ n y . n	acdnet.net
Phone Legali	ly Binding Agreement in accordance
( 8 4 5 ) 6 7 7 - 8 0 1 1 with 0	GP-0-08-002 Part IV.G.?
What tasks/responsibilities are shared with this partner (e.g. MM	1 School Programs or Multiple Tasks)
• MMI Public Educational	Brochures
● MM2 Multiple Tasks	
● MM3 Staff Training-Mul	t i p l e T a s k s
● MM4 Staff Training - Mul	t i p 1 e T a s k s
● MM5 Multiple Tasks	
• MM6 Staff Training-Mul	tiple Tasks
Additional tasks/responsibilities	±
<ul> <li>Watershed Improvement Strategy Best Management Practice</li> </ul>	es required for MS4s in impaired
watersheds included in GP-0-08-002 Part IX.	or required for the 15 in impaned
East of Hudson (EOH) NYC Watershed	
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#### MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2 0 1 7

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Name of MS4 TOWN OF EAST FISHKILL	1	N	Y	R	2	0	A	1	8	3

#### **Section 4 - Certification Statement**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VI.J.

First Name  John n	MI	H i o	ne c k m	a r	ı				
Title (Clearly print title of individual signing report)  Town n Supervious pervises or					The sales of the	e a management e			
Signature			<del>-</del>			 ,	-	 	
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Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator Division of Water 4th Floor 625 Broadway Albany, New York 12233-3505

3. WATER QUALITY TRENDS

This report is being submitted for the reporting period ending March 9,  $\begin{bmatrix} 2 & 0 \end{bmatrix}$  1  $\begin{bmatrix} 7 & 1 \end{bmatrix}$ 

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# 4. MS4 STORMWATER MANAGEMENT PROGRAM (SWMP) ANNUAL REPORT FORM

This report is being submitted for the reporting period ending March 9,  $\begin{vmatrix} 2 \end{vmatrix}$  0  $\begin{vmatrix} 1 \end{vmatrix}$  7

	SPDES ID
Name of MS4/Coalition TOWN OF EAST FISHKILL	N Y R 2 0 A 1 8 3
Minimum Control Measure 1. Public Edu	ucation and Outreach
The information in this section is being reported (check one):	
<ul> <li>On behalf of an individual MS4</li> <li>On behalf of a coalition</li> <li>How many MS4s contributed to this report?</li> </ul>	
1. Targeted Public Education and Outreach Best Manageme	ent Practices
Check all topics that were included in Education and Outreach du	uring this reporting period:
Construction Sites	• Pesticide and Fertilizer Application
General Stormwater Management Information	Pet Waste Management
Household Hazardous Waste Disposal	Recycling
● Illicit Discharge Detection and Elimination	Riparian Corridor Protection/Restoration
O Infrastructure Maintenance	Trash Management
Smart Growth	• Vehicle Washing
○ Storm Drain Marking	<ul><li>Water Conservation</li></ul>
• Green Infrastructure/Better Site Design/Low Impact Development	Wetland Protection
Other:	O None
Septic Maintenance Other	
2. Specific audiences targeted during this reporting period:	
Public Employees Contractors	
<ul><li>Residential</li><li>Developers</li></ul>	
● Businesses ● General Public	
○ Restaurants • Industries	
Other: • Agricultural	
Landscape Contractors Other	/ Banners

This report is being submitted for the reporting period ending March 9, 2 0 1 7

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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Name of MS4/Coalition TOWN OF EAST FISHKIL	L	SPDES ID N Y R	2 0 A 1 8 3
4. Evaluating Progress Toward Mea	surable Goals MCM 1		
Use this page to report on your progress identified in your Stormwater Managen III.C.1. Submit additional pages as need	nent Program Plan (SWM	_	_
A. Briefly summarize the Measurabl	e Goal identified in the	SWMPP in this rep	oorting period.
<ol> <li>Target specified audience for developments.</li> <li>Continue to provide educational browning.</li> <li>Maintain public educational billboat.</li> <li>Provide contractor training sessions.</li> <li>Provide stormwater educational information.</li> </ol>	ochures to residential and ard campaign s by DCSWCD and SWM	commercial propert IP Coordinator (CPE	
B. Briefly summarize the observation Goal.	ns that indicated the ove	erall effectiveness o	f this Measurable
Attendance at presentations/training se distributed are consistent with previous		nantity of educationa	l brochures
C. How many times was this observa	ition measured or evalua	ated in this reporti	ng period?
·		•	1 0
D. Has your MS4 made progress tow	vard this Measurable Go		::: samples/participants  orting period?  • Yes O No
E. Is your MS4 on schedule to meet t	the deadline set forth in	the SWMPP?	• Yes O No
F. Briefly summarize the stormwate the next reporting cycle (including		<del></del>	s MCM during
<ol> <li>Develop new target audience for ed educational brochures developed to res developers, landscape contractors, etc.</li> <li>Continue to maintain educational bil</li> </ol>	sidential and commercial	property owners, co	ntractors and

(See Implementation Schedule on following page)

#### TOWN OF EAST FISHKILL SWMP IMPLEMENTATION SCHEDULE

#### MMI: PUBLIC EDUCATION AND OUTREACH

- Develop target audiences for educational brochures as a combined effort with the Dutchess County Regulated MS4 Coordination Committee.
- Continue to distribute educational brochures previously developed to residential and commercial property owners, developers and contractors, landscape contractors, etc.
- Develop phosphorus reduction related educational information and brochures specifically targeted to East of Hudson NYC Watershed residential and commercial property owners.
- Conduct an educational training session on Better Site Design/Low Impact Development/Green Infrastructure that is open to the public.
- The Town of East Fishkill SWMP Coordinator will provide updates on the Town of East Fishkill SWMP to the Town of East Fishkill Town Board when warranted. Town of East Fishkill residents are typically in attendance.
- Maintain tracking method for number of educational brochures distributed and locations where brochures have been distributed.
- Continue to provide stormwater educational materials on the Town of East Fishkill website.
- Continue public educational billboard campaign throughout Dutchess County.
- Continue to provide educational material to public on septic system maintenance.

This report is being submitted for the reporting period ending March 9, 2 0 1 7

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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Name of MS4/Coalition TOWN OF EAST FISHKILL	A file-of-standard and standard in the control of t	N Y R 2	0	A	1	8	3
Minimum Control Measure 2.	Public Involvemen	t/Particip	atio	n			
The information in this section is being reported (check	one):						
<ul><li>On behalf of an individual MS4</li><li>On behalf of a coalition</li></ul>	<del></del>						
How many MS4s contributed to this re	port?						
1. What opportunities were provided for public development, evaluation and improvement of (SWMP) Plan during this reporting period?	f the Stormwater Mai	nagement P		ram	1		
Cleanup Events		# Events					2
Comments on SWMP Received		# Comments		}			0
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Community Meetings		# Attendees			2	0	0
Plantings		Sq. Ft.	1	5	2	4	6
O Storm Drain Markings		# Drains					
Stakeholder Meetings		# Attendees			2	8	0
O Volunteer Monitoring		# Events					
Other: Fishkill Creek	Waters	h e d	А	s	s	0	С
2. Was public notice of availability of this annu Program (SWMP) Plan provided?	al report and Stormv	vater Mana		ent Ye		0	No
○ List-Serve		# In List					
O Newspaper Advertising		# Days Run					
O TV/Radio Notices		# Days Run					
Other: N o t i c e d a t T o w	n Board	m e e	t	i	n	g	

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3. Where can the public access copies of this annual report, Stormwater Management Program SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

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Please provide specific address of page where report can be accessed - not home page.

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4.a. If this report was made available on the internet, what date	te was it p	ost	ed?		-			
Leave blank if this report was not posted on the internet.	0 5	1	0	1	1	2 0	1	7
4.b. For how many days was/will this report be posted?						3	6	5
If submitting a report for single MS4, answer 5.a If submitti	ng a joint	repo	ort,	ans	wer	5.b		
5.a. Was an Annual Report public meeting held in this reporti	ng period	?			•	Yes	0	No
If Yes, what was the date of the meeting?	0 5	·}	2	6	1	2 0	1	6
If No, is one planned?					•	Yes	0	No
5.b. Was an Annual Report public meeting held for all MS4s of	ontributi	ng 1	to tl	is i	rep	ort d	urin	ıg
this reporting period?					0	Yes	0	No
If No, is one planned for each?					0	Yes	0	No
6. Were comments received during this reporting period? If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.					0	Yes	•	No

This report is being submitted for the reporting period ending March 9,  $\begin{vmatrix} 2 & 0 \end{vmatrix}$  1 | 7

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Name of MS4/Coalition TOWN OF EAST PISHKILL		
7. Evaluating Progress Toward Measurable Goals MCM 2		
Use this page to report on your progress and project plans toward achieving measurable g identified in your Stormwater Management Program Plan (SWMPP), including requirement III.C.1. Submit additional pages as needed.		art art
A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting	ng perio	od.
<ol> <li>Strengthen partnerships with local watershed groups and committees.</li> <li>Work with volunteer groups to encourage public participation in the Town's SWMP.</li> <li>Provide public educational material on Town website.</li> </ol>		1
B. Briefly summarize the observations that indicated the overall effectiveness of this Goal.	s Measu	ırable
The number of events conducted and the number of attendees participating in events and activities is consistent with the previous reporting period.	volunte	eer
C. How many times was this observation measured or evaluated in this reporting pe	eriod?	
		1 0
D. Has your MS4 made progress toward this measurable goal during this reporting		icipants/event <b>9</b>
	Yes	
E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?		
	• Yes	○ No
F. Briefly summarize the stormwater activities planned to meet the goals of this MC the next reporting cycle (including an implementation schedule).	CM dur	ing
<ol> <li>Expand partnerships and activities with local watershed groups and committees.</li> <li>Solicit volunteer groups to participate in the SWMP.</li> <li>Continue to provide public educational material on Town website. (See Implementation Schedule on following page)</li> </ol>		

#### TOWN OF EAST FISHKILL SWMP IMPLEMENTATION SCHEDULE

#### MM2: PUBLIC INVOLVEMENT/PARTICIPATION

- Expand partnerships and activities with local watershed groups and committees.
- Solicit volunteer groups and the Town of East Fishkill Conservation Board to participate in the Town of East Fishkill SWMP.
- As a member of the Dutchess County Regulated MS4 Coordination Committee the Town of East Fishkill will continue to participate with committee sponsorships to stakeholders.
- Conduct an educational training session on Better Site Design/Low Impact Development that is open to the public.
- The Town of East Fishkill SWMP Coordinator will provide updates on the Town of East Fishkill SWMP to the Town of East Fishkill Town Board when warranted. Town of East Fishkill residents are typically in attendance.
- The Town of East Fishkill SWMP Annual Report will be made available to the public at the Town Clerk's office and on the Town of East Fishkill website.
- Maintain tracking method for number of activities conducted and number of attendees participating.
- Continue to provide stormwater educational materials on the Town of East Fishkill website.

This report is being submitted for the reporting period ending March 9,  $\begin{bmatrix} 2 & 0 \end{bmatrix}$  1  $\begin{bmatrix} 7 & 1 \end{bmatrix}$ 

Name of MS4/Coalition TOWN OF EAST FISHKILL	SPDES ID  N Y R 2 0 A 1 8 3
Minimum Control Measure 3. I	llicit Discharge Detection and Elimination
The information in this section is being reported (	check one):
<ul> <li>On behalf of an individual MS4</li> <li>On behalf of a coalition</li> </ul>	sic nament?
How many MS4s contributed to the	ns report?
1. Enter the number and approx. percent of	of outfalls mapped:           2   0   3   #     1   0   0   %
2. How many of these outfalls have been so reporting period (outfall reconnaissance	creened for dry weather discharges during this inventory)?
3.a. What types of generating sites/sewershe reporting period?	ds were targeted for inspection during this
O Auto Recyclers	O Landscaping (Irrigation)
O Building Maintenance	○ Marinas
○ Churches	O Metal Plateing Operations
O Commercial Carwashes	Outdoor Fluid Storage
O Commercial Laundry/Dry Cleaners	O Parking Lot Maintenance
Construction Vehicle Washouts	○ Printing
O Cross-Connections	O Residential Carwashing
O Distribution Centers	○ Restaurants
O Food Processing Facilities	○ Schools and Universities
○ Garbage Truck Washouts	Septic Maintenance
○ Hospitals	O Swimming Pools
O Improper RV Waste Disposal	O Vehicle Fueling
O Industrial Process Water	O Vehicle Maint./Repair Shops
• Other:    R e s i d e n t i a l / C	○ None           ○ m m e r c i a l P r o p e r t y
● Sewersheds:  N Y C E O H W a t e r s	hed/Hillside Lake

This report is being submitted for the reporting period ending March 9, 2 0 1 7
If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

SPDES ID TOWN OF EAST FISHKILL N Y R 2 0 A Name of MS4/Coalition 3.b. What types of illicit discharges have been found during this reporting period? O Industrial Connections O Broken Lines From Sanitary Sewer O Cross Connections Inflow/Infiltration Failing Septic Systems O Pump Station Failure O Floor Drains Connected To Storm Sewers O Sanitary Sewer Overflows O Illegal Dumping Straight Pipe Sewer Discharges Other: ○ None 4. How many illicit discharges/potential illegal connections have been detected during this reporting period? 8 6 5. How many illicit discharges have been confirmed during this reporting period? 6. How many illicit discharges/illegal connections have been eliminated during this reporting period? 6 7. Has the storm sewershed mapping been completed in this reporting period? Yes  $\bigcirc$  No If No, approximately what percent was completed in this reporting period? જુ 8. Is the above information available in GIS? Yes O No Is this information available on the web? O Yes No If Yes, provide URL(s): Please provide specific address of page where map(s) can be accessed - not home page. URL

This report is being submitted for the reporting period ending March 9,  $\begin{bmatrix} 2 & 0 \end{bmatrix}$  1  $\begin{bmatrix} 7 & 1 \end{bmatrix}$ 

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This report is being submitted for the reporting period ending March 9, 2 0 1 7

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

		SPI	JES	ID)						
Name of MS4/Coalition	TOWN OF FACT FIGURES	N	Y	R	2	0	Α	1	8	3

#### 12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

#### A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

- 1. Enforcement of IDDE ordinance where applicable.
- 2. Conduct required dry weather screening of outfalls.
- 3. Illicit Discharge Detection & Elimination Hotline Incident Tracking Sheet developed.
- 4. Implement SSDS pump-out and inspection ordinance.
- 5. Public Illicit Discharge Forms placed on Town website.

### B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

100% of residents located in the NYC Watershed have been notified of the SSDS pump-out and inspection ordinance to include follow up mailings this reporting period. Approximately 35% of the residents located in the NYCEOH Watershed have completed their SSDS pump-out and inspection and provided the appropriate information to the Town.

$\sim$	How	manu	times	wee	thic	ohear	zation	measured	Λr	evaluated	in	thie	reporting	period?
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	2
(ex.: samples/partici	pants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

$\bigcirc$	res	$\cup$	INU

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

Yes	O No
-----	------

- F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).
- 1. Additional public education measures relative to the hazards associated with illicit discharges.
- 2. Dry weather inspections of outfalls & development of permit mapping requirements.
- 3. Continue to identify and eliminate illicit discharges to the MS4 & conduct IDDE training for staff
- 4. Continue to monitor residential septic pump out & inspections in EOH Watershed. (See Implementation Schedule on following page)

#### TOWN OF EAST FISHKILL SWMP IMPLEMENTATION SCHEDULE

#### MM3: ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

- Continue to provide educational brochures to residential and commercial property owners on the hazards associated with Illicit Discharges to the MS4, in addition to providing a reporting method from residents directly to the Town of East Fishkill.
- Continue to conduct and document dry weather inspections of outfalls.
- Conduct a training session for Town of East Fishkill staff and employees on IDDE procedures.
- Refine mapping as defined in SPDES MS4 General Permit No. GP-0-15-003 in addition to East of Hudson NYC Watershed requirements.
- Implement and enforce ordinance and program that ensures that on-site sanitary systems are inspected at a minimum frequency of once every five (5) years and where necessary, maintained or rehabilitated of properties located in the East of Hudson NYC Watershed.
- Continue to identify and eliminate illicit discharges to the MS4 through enforcement measures as contained in the Town of East Fishkill Code "Illicit Discharge Detection and Elimination" if applicable.
- Maintain tracking method for number outfall inspections and number of illicit discharges detected, identified and eliminated.
- Utilize the Town of East Fishkill IDDE Hotline Incident Tracking Sheet for potential reported illicit discharges.
- Continue to provide educational material to public on septic system maintenance.
- Maintain the Town of East Fishkill Stormwater Hotline.

This report is being submitted for the reporting period ending March 9,  $\begin{vmatrix} 2 \end{vmatrix} 0 \begin{vmatrix} 1 \end{vmatrix} 7$ 

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition TOWN OF EAST FISHKILL	N	Y	₹ 2	0 A	1	8	3
Minimum Control Measures 4	and 5.						
Construction Site and Post-Construct	ion Cor	itro	<u> </u>				
The information in this section is being reported (check one):							
<ul> <li>On behalf of an individual MS4</li> <li>On behalf of a coalition</li> <li>How many MS4s contributed to this report?</li> </ul>							

- 1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities?
- 1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney certification or using the NYSDEC Gap Analysis Workbook?

   Yes No NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.

○ 09/2004 ● 03/2006 ○ NT

0

SPDES ID

- 2. Does your MS4/Coalition have a SWPPP review procedure in place? Yes O No
- 3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?
- 4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs?

   Yes No NT

If Yes, how many public comments were received during this reporting period?

5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process? • Yes O No

6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

Notices of Violation	#			1	1	O No Authority
Stop Work Orders	#			2	1	O No Authority
O Criminal Actions	#					O No Authority
○ Termination of Contracts	#					O No Authority
O Administrative Fines	#			Ì		O No Authority
O Civil Penalties	#					O No Authority
<ul><li>Administrative Orders</li></ul>	#	100000000000000000000000000000000000000		6	5	O No Authority
O Enforcement Actions or Sanctions	#			ALL DESCRIPTIONS AND ADDRESS OF THE PERSON A		
○ Other	#					O No Authority

This report is being submitted for the reporting period ending March 9,  $\begin{vmatrix} 2 & 0 \end{vmatrix} 1 \begin{vmatrix} 7 & 1 \end{vmatrix}$ 

Nan	ne of MS4/Coalition TOWN OF EAST FISHKILL	SPDES ID N Y R 2	0 A 1	8 3
	Minimum Control Measure 4. Construction Site Storn	nwater Runo	ff Con	trol
The	e information in this section is being reported (check one):			
	On behalf of an individual MS4 On behalf of a coalition How many MS4s contributed to this report?			
1.	How many construction projects have been authorized for disturduring this reporting period?	bances of one a	icre or r	nore 4
2.	How many construction projects disturbing at least one acre wer during this reporting period?	e active in you	r jurisd	iction 8
3.	What percent of active construction sites were inspected during t	this reporting [	period?	O NT
4.	What percent of active construction sites were inspected more the	an once?	1 0	O NT
5.	Do all inspectors working on behalf of the MS4s contributing to Construction Stormwater Inspection Manual?	this report use • Yes	the NY	S ONT
6.	Does your MS4/Coalition provide public access to Stormwater Po (SWPPPs) of construction projects that are subject to MS4 review			ins
	If your MS4 is Non-Traditional, are SWPPPs of construction propublic review?			
	If Yes, use the following page to identify location(s) where SWPPPs	can be accessed	<del>1</del> .	

This report is being submitted for the reporting period ending March 9, 2 0 1 7

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This report is being submitted for the reporting period ending March 9, 2 0 1 7

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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Name of MS4/Coalition	TOWN OF EAST FISHKILL	1	N	Y	R	2	0	A	1	8	3
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#### 7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

#### A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

- 1. Town staff/consultant training on new General Construction Permit requirements.
- 2. Better Site Design and Green Infrastructure training session to town staff/consultants.
- 3. Contractor training sessions conducted by DCSWCD & SWMP Coordinator (CPESC, CPMSM).
- 4. Diligent stormwater construction compliance inspections and enforcement by Town.
- 5. Training for Stormwater Management Officers.

### B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Increased awareness of Town staff/consultants re: Better Site Design principles, Low Impact Development measures and techniques and Green Infrastructure. As a result of contractor training sessions and increased stormwater compliance inspections by the Town, it has been observed that construction sites have improved their implementation of erosion and sediment control measures and BMPs.

C.	How	many	times	was	this	observatio	n measured	or	evaluated	in	this	reporting	period?
----	-----	------	-------	-----	------	------------	------------	----	-----------	----	------	-----------	---------

	5 2
(6	ex.: samples/participants/events;

Yes

O No

- D. Has your MS4 made progress toward this measurable goal during this reporting period?
  - Yes No
- E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?
- F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).
- 1. Continue to provide Town staff/consultant training sessions on Better Site Design, Low Impact Development, Green Infrastructure and General Construction permit requirements.
- 2. Continue to provide contractor training sessions.
- 3. SWPPP reviews and stormwater compliance inspections in accordance with GP-0-15-002. (See Implementation Schedule on following page)

## TOWN OF EAST FISHKILL SWMP IMPLEMENTATION SCHEDULE

### MM4: CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

- Continue to conduct contractor training sessions through the efforts of the Dutchess County Soil & Water Conservation District and the Town of East Fishkill SWMP Coordinator (CPESC, CPMSM).
- The Town of East Fishkill SWMP Coordinator (CPESC, CPMSM) will conduct a two-hour power point presentation to the Town of East Fishkill Planning Board, Town staff and consultants on the requirements of SPDES General Construction Permit No. GP-0-15-002, East of Hudson NYC Watershed requirements and Better Site Design/Low Impact Development/Green Infrastructure techniques and measures.
- The Town of East Fishkill will continue to conduct reviews of Stormwater Pollution Prevention Plans (SWPPPs) in strict accordance with the permit requirements of SPDES General Construction Permit GP-0-15-002 and the technical standards thereof, the "New York State Standards and Specifications for Erosion and Sediment Control" and the "New York State Stormwater Design Manual" in addition to the MS4 requirements as defined in SPDES General Permit GP-0-15-003.
- The Town of East Fishkill will implement a mechanism for "stormwater credits" in accordance with NYSDEC guidelines if applicable.
- The Town of East Fishkill will continue to acknowledge public input into SWPPPs during the Planning Board application review process.
- The Town of East Fishkill will continue to conduct diligent construction stormwater compliance inspections of active construction sites in the Town of East Fishkill.
- The Town of East Fishkill will continue to enforce construction site violations in accordance with the Code of the Town of East Fishkill, "Stormwater Management and Erosion and Sediment Control."
- Maintain a tracking method for number of SWPPPs reviewed and approved; the number of construction stormwater compliance inspections, and the number and type of enforcement actions undertaken.

This report is being submitted for the reporting period ending March 9,  $\begin{vmatrix} 2 & 0 \end{vmatrix} \begin{vmatrix} 1 & 7 \end{vmatrix}$ 

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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Name of MS4/Coalition	TOWN OF EAST FIS	SHKILL —————————		N Y R 2	0 A 1 8 3
Minimum (	Control Mea	sure 5. Post	-Constructio	on Stormwater Ma	inagement
The information in th	is section is bein	ng reported (che	ck one):		
<ul><li>On behalf of an ind</li><li>On behalf of a coal</li><li>How m</li></ul>		ributed to this	report?		
1. How many and w				inagement practices ha	is your
		# Inventoried	# Inspections	# Times Maintained	
O Alternative Practic	es			The state of the s	
O Filter Systems					
Infiltration Basins		2 2	2 2	2 2	
Open Channels		3 0	3 0	3 0	
Ponds		3 2	3 2	3 2	
○ Wetlands					
Other					
2. Do you use an o BMPs, inspecti			abase, spreads	heet) to track post-co	onstruction ○ Yes ● No
3. What types of a Development/E		_		implement Low Imp nciples?	act
Building Codes	Municipal C	Comprehensive F	Plans		
Overlay Districts	Open Space	Preservation Pr	ogram		
Zoning	• Local Law o	or Ordinance			
○ None	Land Use R	egulation/Zonin	g		
O Watershed Plans	Other Comp	rehensive Plan			
♠ Other:					

Board

Members

t o

Presentations

This report is being submitted for the reporting period ending March 9,  $\begin{bmatrix} 2 & 0 \end{bmatrix}$  1 7

		SPI	DES	ID					
Nan	ne of MS4/Coalition TOWN OF EAST FISHKILL	N	Y	R	2	0 4	1	8	3
4a.	. Are the MS4s contributing to this report involved in a regional/watersh	ed v	vide	e pla	ann	ing e			NI.
4b.	. Does the MS4 have a banking and credit system for stormwater manag	eme	nt p	rac	etic		es		No
						$\circ$	es es		No
4c.	Do the SWMP Plans for each MS4 contributing to this report include a and approval of banking and credit of alternative siting of a stormwate	-				t pra		?	Νo
4d.	. How many stormwater management practices have been implemented	as p	art	of t	his				
	reporting period?							0	
5.	What percent of municipal officials/MS4 staff responsible for program training on Low Impace Development (LID), Better Site Design (BSD)	-					tend	ed	
	Infrastructure principles in this reporting period?					1	0	0	<b>%</b>

This report is being submitted for the reporting period ending March 9,  $\begin{vmatrix} 2 & 0 \end{vmatrix}$  1 | 7

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition	n TOWN OF EAST FISHKILL		N	YR	2	0 A	1	8 3
6. Evaluating Pro	ogress Toward Measurable Goals M	ICM 5						
identified in your S	port on your progress and project plan Stormwater Management Program Plan ditional pages as needed.		_			_		'art
A. Briefly summa	rize the Measurable Goal identified	in the SWM	PP in t	his re	por	ting p	eric	d.
<ol> <li>Better Site Des</li> <li>Contractor trair</li> <li>Detailed review</li> </ol>	rofit Plan for phosphorus reduction as ign and Green Infrastructure training saining sessions conducted by DCSWCD of SWPPP post-construction permanaintenance and easement agreements.	session to town  8 SWMP Conent stormwate	n staff/o oordina	consultor (C	ltan PES	ts. SC, CF		
B. Briefly summa Goal.	rize the observations that indicated	the overall e	ffective	eness (	of tl	his M	easu	rable
	ess by Town staff/consultants of Better sures and techniques and Green Infras	~ .	principl	es, Lo	w I	mpact	•	,
Retrofit Plan for p underway.	hosphorus reduction as per EOH pern	nit requiremen	ıts deve	loped	and	proje	cts	

C. How many times was this observation measured or evaluated in this reporting period?

		1	2	
:	samples/part	tici	pant	s/events

D. Has your MS4 made progress toward this measurable goal during this reporting period?

-	Vec	$\circ$	No
	Yes	しょ	INO.

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

	Yes	$\circ$	N	Λ
•	1 50	$\sim$	1 1	v

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

- 1. Continue to provide Better Site Design, Low Impact Development and Green Infrastructure training sessions to town staff/consultants.
- 2. Implement Retrofit Plan in accordance with NYCEOH and NYSDEC permit requirements. (See Implementation Schedule on following page)

## TOWN OF EAST FISHKILL SWMP IMPLEMENTATION SCHEDULE

## MM5: POST-CONSTRUCTION SITE STORMWATER RUNOFF CONTROL

- The Town of East Fishkill SWMP Coordinator (CPESC, CPMSM) will conduct a two-hour power point presentation to the Town of East Fishkill Planning Board, Town staff and consultants on the requirements of SPDES General Construction Permit No. GP-0-12-002, East of Hudson NYC Watershed requirements and Better Site Design/Low Impact Development techniques and measures.
- The Town of East Fishkill will continue to conduct reviews of Stormwater Pollution Prevention Plans (SWPPPs) in strict accordance with the permit requirements of SPDES General Construction Permit GP-0-15-002 and the technical standards thereof, the "New York State Standards and Specifications for Erosion and Sediment Control" and the "New York State Stormwater Design Manual" in addition to the MS4 requirements as defined in SPDES MS4 General Permit GP-0-15-003.
- The Town of East Fishkill will implement a mechanism for "stormwater credits" in accordance with NYSDEC guidelines if applicable.
- The Town of East Fishkill has developed a "Stormwater Management Facilities Maintenance Agreements" and "Stormwater Management Facilities inspection and Maintenance Easements" for permanent post-construction stormwater management facilities that will continue to be implemented
- The Town of East Fishkill will continue to maintain an inventory of permanent post-construction stormwater management facilities to include periodic inspection and maintenance of the facilities.
- Maintain a tracking method of permanent post-construction stormwater management facilities inspection and maintenance activities.
- The Town of East Fishkill will implement its Retrofit Plan in accordance with the East of Hudson NYC Watershed requirements.

This report is being submitted for the reporting period ending March 9,  $\begin{bmatrix} 2 & 0 \end{bmatrix}$  1

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

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Name of MS4/Coalition TOWN OF I	EAST FISHKILL	1	1	R	2	0	A	1	8	3

## Minimum Control Measure 6. Stormwater Management for Municipal Operations

The information in this section is being reported (check one):	
<ul><li>On behalf of an individual MS4</li><li>On behalf of a coalition</li></ul>	
How many MS4s contributed to this report?	

1. Choose/list each municipal operation/facility that contributes or may potentially contribute Pollutants of Concern to the MS4 system. For each operation/facility indicate whether the operation/facility has been addressed in the MS4's/Coalition's Stormwater Management Program(SWMP) Plan and whether a self-assessment has been performed during the reporting period. A self-assessment is performed to: 1) determine the sources of pollutants potentially generated by the permittee's operations and facilities; 2) evaluate the effectiveness of existing programs and 3) identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it's not done already.

Self-Assessment
Operation/Activity/Facility
performed within the past 3

		periorin	cu within	the past 5
Operation/Activity/Facility	Addressed in	1 SWMP?	years?	·
Street Maintenance	• Yes	○ No	Yes	○ No
Bridge Maintenance	○ Yes	• No	O Yes	No
Winter Road Maintenance	• Yes	○ No	Yes	○ No
Salt Storage	• Yes	○ No	Yes	○ No
Solid Waste Management		○ No	Yes	○ No
New Municipal Construction and Land Disturba		○ No	Yes	○ No
Right of Way Maintenance	• Yes	○ No	Yes	○ No
Marine Operations	○ Yes	• No	○ Yes	No
Hydrologic Habitat Modification		• No	○ Yes	○ No
Parks and Open Space	<b>—</b> — — —	○ No	• Yes	$\bigcirc$ No
Municipal Building		○ No	• Yes	○ No
Stormwater System Maintenance	• Yes	○ No	Yes	○ No
Vehicle and Fleet Maintenance		○ No	Yes	○ No
Other	C ▼ 7	• No	○ Yes	No

This report is being submitted for the reporting period ending March 9, 2 0 1 7

	SPD	ES ID					
Name of MS4/Coalition TOWN OF EAST FISHKILL	N	YR	2	0 A	1	8	3
2. Provide the following information about municipal operations go	ood he	ousek	eepi	ing p	rog	ran	15:
O Parking Lots Swept (Number of acres X Number of times swept)		# Acr	es [				0
Streets Swept (Number of miles X Number of times swept)		# Mil	es [		2	1	0
Catch Basins Inspected and Cleaned Where Necessary			# [	La Proposition Company	7	4	2
<ul> <li>Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary</li> </ul>			# [	arran and an an an an an an an an an an an an an		8	4
Phosphorus Applied In Chemical Fertilizer		# Lt	s.			The state of the s	0
Nitrogen Applied In Chemical Fertilizer		# Lt	s.				0
<ul> <li>Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number times applied to the nearest tenth.)</li> </ul>		Acres	; [_	1011		and the state of t	
3. How many stormwater management trainings have been provide	ed to 1	munic	ipa	l emp	ploy	ees	
during this reporting period?			[				3
4. What was the date of the last training?	1 0	/ 1	9	/ 2	0	1	6
5. How many municipal employees have been trained in this report	ting p	eriod'	?				3
6. What percent of municipal employees in relevant positions and o stormwater management training?	depart	tment	s re	ceive	7	5	%

This report is being submitted for the reporting period ending March 9,  $\begin{vmatrix} 2 & 0 \end{vmatrix}$  1  $\begin{vmatrix} 7 & 1 \end{vmatrix}$ 

If submitting this form as part of a joint r	report on behalf of a coalition leave SPDES ID blank.
TOWN OF PACT FIGURE	SPDES ID  N Y R 2 0 A 1 8 3
Name of MS4/Coalition TOWN OF EAST FISHKILL	N I R Z U A I 8 3
7. Evaluating Progress Toward Measurable	e Goals MCM 6
Use this page to report on your progress and proidentified in your Stormwater Management Pro III.C.1. Submit additional pages as needed.	oject plans toward achieving measurable goals ogram Plan (SWMPP), including requirements in Part
A. Briefly summarize the Measurable Goal	identified in the SWMPP in this reporting period.
<ol> <li>Continued inspection and maintenance of c</li> <li>Identify facilities or operations in need of n</li> <li>Prioritize good housekeeping efforts based</li> </ol>	nodification, improvement or replacement.
B. Briefly summarize the observations that Goal.	indicated the overall effectiveness of this Measurable
Ongoing inspection and maintenance of conve improved water quality and drainage condition	eyance systems and cleaning of catch basins has
C. How many times was this observation me	easured or evaluated in this reporting period?
	(ex.: samples/participants
D. Has your MS4 made progress toward thi	is measurable goal during this reporting period?  ● Yes ○ No
E. Is your MS4 on schedule to meet the dead	dline set forth in the SWMPP?
	● Yes ○ No
F. Briefly summarize the stormwater activit the next reporting cycle (including an im	ties planned to meet the goals of this MCM during plementation schedule).
	ekeeping training session to municipal employees. ance system inspection and maintenance and catch

3. Incorporate Green Infrastructure in upgrades of conveyance system if applicable to the MEP.

(See Implementation Schedule on following page)

### TOWN OF EAST FISHKILL SWMP IMPLEMENTATION SCHEDULE

# MM6: POLLUTION PREVENTION/GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS

- Conduct a training session for Town of East Fishkill staff and employees on Pollution Prevention/Good Housekeeping for Municipal Operations.
- The Town of East Fishkill Highway Department will continue to inspect, maintain and/or repair the MS4 conveyance system.
- The Town of East Fishkill Highway Department will continue an annual catch basin cleaning program.
- The Town of East Fishkill Highway Department will continue an annual street sweeping program.
- The Town of East Fishkill will continue to implement its road maintenance plan.
- The Town of East Fishkill Highway Department will continue to maintain municipal operations and facilities.
- The Town of East Fishkill will consider and incorporate cost effective runoff reduction techniques and green infrastructure in the routine upgrade of the existing stormwater conveyance systems and municipal operations to the maximum extent practicable (MEP).
- The Town of East Fishkill will develop and implement a turf management practices and procedures policy in accordance with the East of Hudson NYC Watershed requirements.
- Maintain a tracking method for the number of training sessions for municipal employees and attendance.
- Maintain a tracking method for the acres of parking lots swept, miles of streets swept, number of catch basins inspected and maintained, post-construction stormwater management facilities inspected and maintained, etc.

This report is being submitted for the reporting period ending March 9,  $\begin{bmatrix} 2 & 0 & 1 \end{bmatrix}$  7

		SPI	DES	ID						
Name of MS4/Coalition	TOWN OF FACT FIGURILI	N	Y	R	2	0	A	1	8	3

On behalf of an individual Non behalf of a coalition	MS4		
	4s contributed to this re	enort?	
110W Intally 1410	is continuated to unis re	port.	
4s must answer the qu	estions or check NA as	s indicated in the table	below.
			(80.6)
MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed raditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
raditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
on-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed	-		-
raditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
raditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
on-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed			-
raditional Land Use	1,4,6,7a~d,8a,9	2,3,5,8b,10,11,12	Phosphorus
raditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
on-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay raditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
raditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
on-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary	-	-	}
raditional Land Use	1,4,7a~d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
raditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
on-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oscawana Lake Watershed			-
raditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
raditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,86,10,11,12	Phosphorus
on-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Ll 27 Embayments raditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
raditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
	1,2,3,4,7a-d,9,71,17.12	5,6,8a,8b,10,11,12	Pathogens

This report is being submitted for the reporting period ending March 9, 2 0 1 7

		SPDES ID		
Naı	ame of MS4/Coalition TOWN OF EAST FISHKILL	NYR2	0 A 1	8 3
3.	Does your MS4/Coalition have a Stormwater Conveyance System and Maintenance Plan Program?	n (infrastructu ● Yes	re) Insp O No	ection
4.	Estimate the percentage of on-site wastewater treatment systems and maintained or rehabilitated as necessary in this reporting pe		inspect	T
5.	Has your MS4/Coalition developed a program that provides prot NYSDEC SPDES General Permit for Stormwater Discharges fro (GP-0-08-001) to reduce pollutants in stormwater runoff from co disturb five thousand square feet or more?	m Construction	n Activi	ities
6.	Has your MS4/Coalition developed a program to address post-corunoff from new development and redevelopment projects that dequal to one acre that provides equivalent protection to the NYS Permit for Stormwater Discharges from Construction Activities the New York State Stormwater Design Manual Enhanced Phosp Standards?	listurb greater DEC SPDES ( (GP-0-08-001)	than or General , includi	
7a	a. Does your MS4/Coalition have a retrofitting program to reduce of phosphorus/nitrogen/pathogen loading?	erosion or • Yes	○ No	O N/A
7b	b. How many projects have been sited in this reporting period?			1
7c	c. What percent of the projects included in 7b have been completed	in this report		77
7d	d. What percent of projects planned in previous years have been co	mpleted?	1 0	
		○ No	Projects	Planned
8a	a. Has your MS4/Coalition developed and implemented a turf mana procedures policy that addresses proper fertilizer application on lands?		wned	○ N/A
<b>8</b> b	b. Has your MS4/Coalition developed and implemented a turf mana procedures policy that addresses proper disposal of grass clippin municipally owned lands?	-		○ N/A

This report is being submitted for the reporting period ending March 9, 2 0 1 7

Name of MS4/Coalition TOWN OF EAST FISHKILL	SPDES ID N Y R 2 0 A 1	8 3
9. Has your MS4/Coalition developed and implemented a progra	am of native planting? ● Yes ○ No	O N/A
10. Has your MS4/Coalition enacted a local law prohibiting pet w prohibiting goose feeding?	v <b>aste on municipal proper</b> ○ Yes ○ No	
11. Does your MS4/Coalition have a pet waste bag program?	○ Yes ○ No	• N/A
12. Does your MS4/Coalition have a program to manage goose populations?	○ Yes ○ No	• N/A

fown of I	teral Permit for Stormwater Discharges from Small MS4's, Permit No. GP-0-15-003 st Fishkill Stormwater Management Program Annual Report 5
<b>5.</b>	HILLSIDE LAKE (303d) EVALUATION AND ASSESSMENT

Hillside Lake: 303(d) Impaired Waterbody

#### **Evaluation and Assessment:**

Hillside Lake, located in the Town of East Fishkill is designated as a 303(d) impaired water body by the New York State Department of Environmental Conservation (NYDEC) and the Environmental Protection Agency (EPA) due to water qualitative issues, particularly associated with high nutrient loading. As per the NYSDEC and the EPA, the Pollutant of Concern (POC) for Hillside Lake is phosphorus. Phosphorus pollution may come from various sources such as failing on-site individual wastewater treatment systems (WTS) aka as subsurface sewage disposal systems (SSDS), agricultural runoff, fertilizers, manure, decomposing leaves, other natural sources, pet waste, detergents, and urban runoff. As per the NYSDEC and the EPA specific to Hillside Lake, the POC being phosphorus is due to the discharge of on-site individual wastewater treatment systems (WTS) into Hillside Lake.

As part of the Town of East Fishkill's Stormwater Management Program (SWMP), Hillside Lake has been identified and designated one of many "geographic areas of concern" and "water bodies of concern" located within the Town of East Fishkill.

Given this designation the Town of East Fishkill has provided educational information and materials to the public over a number of years and has also involved the public in numerous duly noticed Public Hearings on issues associated with Hillside Lake and the "pollutants of concern".

The Town of East Fishkill has developed a Hillside Lake Rehabilitation Plan dated July 2008 that is ongoing in its implementation. Said Rehabilitation Plan is available on the Town website. The Town of East Fishkill has identified potential stormwater pollutant reduction measures and has taken measures to ensure there is no net increase of the pollutant(s) of concern within the Hillside Lake Watershed on any potential project development plans submitted to the Planning Board for review and approval in accordance with requirements as set forth in the New York State Stormwater Management Design Manual.

The Town of East Fishkill has conducted sampling, testing and monitoring of Hillside Lake to include soil samples and samples from catch basins that ultimately discharge into Hillside Lake.

The Town of East Fishkill has applied for grants for implementation of the Hillside Lake Rehabilitation Plan. Currently the Town of East Fishkill is awaiting the determination of grant applications for the installation of "green infrastructure" stormwater management measures in an effort to reduce the pollutant loading into Hillside Lake.

After years of planning and attaining State Grants, the Hillside Lake Water Quality Improvement Project was due to go out to bid on April 7, 2017. The project consists of the construction of an artificial wetlands in vicinity of the beach area, and the redirection of street drainage towards the wetland.

The Town of East Fishkill Highway Department also prioritizes the cleaning of catch basins and road maintenance within the Hillside Lake Watershed.

The Town of East Fishkill Highway Department has also been provided with a maintenance guideline for gravel roads entitled "U.S. Department of Transportation, Federal Highway Administration, Gravel Roads Maintenance and Design Manual" to incorporate into their program.

Information on the Hillside Lake Water Quality Improvement Project may be found by going directly to the Town of East Fishkill website, or more specifically at the following URL addresses:

http://www.eastfishkillny.org/Government/news\_91E4932BDCF446EF9993F3A3E576337F.htm

❖ It is noted that as per the NYSDEC, "man-made" lakes such as Hillside Lake are typically not eligible to be designated as 303(d) impaired waterbodies by the NYSDEC and/or the EPA. Further research and investigation into this matter is ongoing.

# Proposed Final 2016 Section 303(d) List

Water Index Number	Waterbody Name (WI/PWL ID)	County	Туре	Class	Cause/Pollutant	Suspected Source	Year
Part 1 - Individual Waterbody Segments with Impairment Requiring TMDL Development (con't)							
H- 31-P44-14-P50- 2-P50a H- 31-P44-17-5-P57a H- 31-P44-23-P59- 6-P62a H- 31-P44-31- 3-P107a H- 31-P44-35-P109- 6-13-P115a H- 31-P44-54-P128a H- 49a-P160 H- 55- 1-P165 H- 55-11-P179 H- 95-10-P345g H-101-P365 H-101-P365 H-114 H-139-13-52 H-171-P848 H-171-P848 H-171-P848 H-171-P848 H-171-P848 H-171-P848 H-188-P902 H-202-P8f H-204- 2- 7-P34 H-221- 4- 3 H-221- 4- 9-P276a H-226	Lower Hudson River Drainage Basin (con't) Lake Shenorock (1302-0083) Lake Lincoindale (1302-0089) Lake Carmel (1302-0060) Lake Katonah (1302-0136) Truesdale Lake (1302-0054) Teatown Lake (1302-0150) Lake Meahagh (1301-0053) Wallace Pond (1301-0140) Lake Mehagan (1301-0149) Hillside Lake (1304-0001) Wappingers Lake (1305-0001) Wappingers Lake (1305-0001) Fallkill Creek (1301-0087) Monhagen Brook and tribs (1306-0074) Ashokan Reservoir (1307-0004) Esopus Creek, Upper, and minor tribs (1307-0007) Robinson Pond (1308-0003) Sleepy Hollow Lake (1301-0059) Nassau Lake (1311-0001) Krumkill Creek and tribs (1301-0030) Patroon Creek and tribs (1301-0030) Minor Tribs to West of Hudson (1301-0027) 9	Westchester Westchester Putnam Westchester Westchester Westchester Westchester Westchester Dutchess Dutchess Dutchess Orange Ulster Columbia Greene Rensselaer Albany Schenctady Albany	Lake Lake Lake Lake Lake Lake Lake Lake	BBBBBBBBBCCAA(T) A(T) B(T) ABCC	Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Phosphorus Silt/Sediment Phosphorus Silt/Sediment Phosphorus Silt/Sediment Phosphorus Silt/Sediment Phosphorus Silt/Sediment Phosphorus Silt/Sediment Phosphorus Silt/Sediment Phosphorus Silt/Sediment Phosphorus Okygen Demand 1 Unknown (biol impacts)	Urban/Storm Runoff Onsite WTS, Urban Onsite WTS Urban/Storm Runoff Urban/Storm Runoff Urban/Storm Runoff Onsite WTS, Urban Urban/Storm Runoff Onsite WTS, Urban Urban/Storm Runoff Urban/Storm Runoff Urban/Storm Runoff Urban/Storm Runoff Urban/Storm Runoff Urban/Storm Runoff Urban/Storm Runoff Urban/Storm Runoff Streambank Erosion Agriculture Streambank Erosion Agriculture Streambank Erosion Onsite WTS, Urban Urban Runoff/CSOs Onsite WTS, Urban Urban Runoff/CSOs Onsite WTS, Urban Urban/Storm/CSOs Industrial	2010 2002 2002 2010 2010 2010 2010 2010
H-2228a thru 237 H-235-11-P377	Minor Tribs to West of Hudson (1301-0027) Snyders Lake (1301-0043)	Rensselaer	Lake	В	Phosphorus	Oxygen Demand Sed.	2002
D- 1-35-P38c D- 1-38-P45 D- 1-38-P50a D-10-22-P128 D-30-2-P185,P186 D-71-10-6-P388,P389	Delaware River Drainage Basin Davies Lake (1402-0047) Pleasure Lake (1402-0055) Evens Lake (1402-0064) Swan Lake (1401-0063) Bodine, Mongomery Lakes (1401-0091) Fly Pond, Deer Lake (1404-0038)	Sullivan Sullivan Sullivan Sullivan Sullivan Broome	Lake Lake Lake Lake Lake Lake	B B B B	Phosphorus Phosphorus Phusphorus Phosphorus Phosphorus Phosphorus	Unknown Unknown Municipal Munipicał Unknown Onsite WTS	2014 2014 2016 2012 2012 2012
NJ- 1/P977a-13-P984,P984a NJ- 1/P977a-13-P985	Ramapo/Hackensack River Basin Congers Lake, Swartout Lake (1501-0019) Rockland Lake (1501-0021)	Rockland Rockland	Lake Lake	B B	Phosphorus Phosphorus	Urban/Storm Runoff Urban/Storm Runoff	2010 2012

<sup>8</sup> A restoration strategy/TMDL for this segment will be developed in conjunction with the Schoharie Reservoir strategy/TMDL.

The specifically identified impaired water(s) in this segment include Kromma Kill (-234).